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0	For receiving Office use only		
0-1	International Application No.		
0-2	International Filing Date		
0-3	Name of receiving Office and "PCT International Application"		
0-4	Form PCT/RO/101 PCT Request		
0-4-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.175)	
0-5	Petition	Version 3.30 (Build 0002.173)	
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty		
0-6	Receiving Office (specified by the applicant)	Japan Patent Office (RO/JP)	
0-7	Applicant's or agent's file reference	FP04-0436-00	
ī	Title of Invention	ACOUSTIC EQUIPMENT	
II	Applicant		
II-1	This person is	applicant only	
II-2	Applicant for	all designated States except US	
II- 4	Name	TDK CORPORATION	
II-5	Address	1-13-1, Nihonbashi, Chuo-ku, Tokyo 1038272 Japan	
II-6	State of nationality	-	
o II-7	State of residence	JP TD	
 III-1		JP	
III-1-1	Applicant and/or inventor This person is	applicant and inventor	
III-1-2	Applicant for	applicant and inventor	
III-1-4	Name (LAST, First)	US only	
III-1-5	Address	CHAMURA, Toshio	
111-1-5	Address	(c/o) TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 1038272	
		Japan	
III-1-6	State of nationality	JP	
III-1-7	State of residence	JP	

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III-2-2 This person is applicant and inventor US only	111-2	Applicant and/or inventor	
III-24	III-2-1	This person is	applicant and inventor
III-2-5 Address (c/o) TDR Corporation, 1-13-1, Nihombashi, Chuo-ku, Tokyo 1038272 Japan III-2-6 State of nationality III-2-7 State of residence III-2-7 State of residence III-2-7 State of residence III-2-7 State of residence III-2-7 Agent or common representative; or address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicanties) before the competent international Authorities as: Name (LAST, First) IV-1-2 Address IV-1-1 Address IV-1-3 Telephone No. IV-1-4 Facsimile No. IV-1-5 Agent's registration No. IV-1-6 Agent's registration No. IV-1-7 Agent's registration No. IV-1-8 Agent's registration No. IV-2-1 Name (LAST, First) IV-2-2 Address IV-2-3 Telephone No. IV-2-4 Facsimile No. IV-2-5 Agent's registration No. IV-2-6 Agent's registration No. IV-2-7 Address IV-2-8 Agent's registration No. IV-2-8 Agent's registration No. IV-2-9 Address IV-2-1 The filing of this request constitutes under Rule 4.9(s), the designation of all Contracting States bound by the PCT on the International filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents. IV-1-1 Filing date III-2-8 Name III-2-8 Name III-2-8 Name III-2-9 Name III-2-7 State or national application of all Contracting States bound by the PCT on the International filing date, for the grant of both regional and national patents. III-2-8 Name III-2-	111-2-2	Applicant for	
Nihonbashi, Chuo-ku, Tokyo 1038272 Japan JP	111-2-4	Name (LAST, First)	NAMIOKA, Takashi
Nihonbashi, Chuo-ku, Tokyo 1038272 Japan	111-2-5	Address	(c/o) TDK Corporation, 1-13-1,
III-2-6 State of nationality Japan JP III-2-7 State of residence JP IV-1 Agent or common representative; or address for correspondence The person identified below is hereby! has been appointed to act on behalf of the applicant(s) before the competent international Authorities as: IV-1-1 Number IV-1-2 Address SOEI PATENT AND LAW FIRM, Ginza First Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo 1040061 Japan IV-1-3 Telephone No. 03-3564-8001 Japan IV-1-4 Facsimile No. 03-3564-8001 IV-1-4 Agent's registration No. 100088155 IV-2-4 Address Agent's registration No. TERSAKI, Shiro IV-2-4 Address TERSAKI, Shiro IV-2-4 Facsimile No. 100092657 IV-2-6 Agent's registration No. 100092657 IV-1 The filling of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filling date, for the grant of both regional and national patents. IV-1-1 Filling date I8 December 2003 (18.12.2003) IV-1-1 Filling date I8 December 2003 (18.12.2003) IV-1-1 Filling date I8 December 2003 (18.12.2003) IV-1-1 Number 2003-420398 IV-1-1 IV-1-2 IV-1-			
III-2-7 State of nationality III-2-7 State of residence IV-1 Agent or common representative; or address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: IV-1-1 Name (LAST, First) IV-1-2 Address IV-1-3 Telephone No. IV-1-4 Facsimile No. IV-1-5 Agent's registration No. IV-1-6 Agent's registration No. IV-2-1 Additional agent(s) IV-2-1 Address IV-2-2 Additional agent(s) IV-2-3 Telephone No. IV-2-4 Facsimile No. IV-2-5 Agent's registration No. IV-2-6 Agent's registration No. IV-2-6 Agent's registration No. IV-2-7 Telephone No. IV-2-8 Agent's registration No. IV-2-9 Telephone No. IV-2-1 Telephone No. IV-2-1 Telephone No. IV-2-2 Telephone No. IV-2-3 Telephone No. IV-2-4 Facsimile No. IV-2-5 Agent's registration No. IV-2-6 Agent's registration No. IV-2-7 The filling of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the International filling date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents. IV-1 Filling date IV-1-1 Filling date IV-1-2 Number IV-1-2 Number IV-1-3 Name (LAST, First) IV-1-4 Priority claim of earlier national application IV-1-1 Filling date IV-1-2 Number IV-1-3 Name (LAST, First) IV-1-4 Priority claim of earlier national application IV-1-1 Filling date IV-1-2 Number IV-1-3 Name (LAST, First) IV-1-4 Priority claim of earlier national application IV-1-1 Filling date IV-1-2 Number IV-1-3 Name (LAST, First) IV-2-4 Name (LAST, First) IV-2-5 Name (LAST, First) IV-2-6 Name (LAST, First) IV-2-7 Name (LAST, First) IV-2-8 Name (LAST, First) IV-2-9 Name (LAST, First) IV-1-1 Filling date IV-2-1 Name (LAST, First) IV-1-2 Name (LAST, First) IV-1-3 Name (LAST, First) IV-1-4 Name (LAST, First) IV-1-5 Name (LAST, First) IV-1-6 Name (LAST, First) IV			1038272
III-2-7 State of residence IV-1 Agent or common representative; or address for correspondence The person identified below is hereby/ has been applicantely before the competent international Authorities as: IV-1-1 Address IV-1-2 Address IV-1-2 Address IV-1-3 Telephone No. IV-1-4 Facsimile No. IV-1-5 Agent's registration No. IV-2-4 Address IV-2-1 Name (LAST, First) IV-2-2 Address IV-2-3 Telephone No. IV-2-4 Address IV-2-4 Address IV-2-5 e-mail IV-2-6 Agent's registration No. IV-2-6 Agent's registration No. IV-2-7 Agent's registration No. IV-2-8 Agent's registration No. IV-2-9 Agent's registration No. IV-2-1 The filling of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the International filling date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents. IV-1-1 Filling date IV-1-2 Priority claim of earlier national application IV-1-1 Filling date IV-1-2 Number III December 2003 (18.12.2003) IV-1-2 Number III Agent regional and national patents. IV-1-2 Number			Japan
N-1 Agent or common representative; or address for correspondence The person identified below is, hereby/ has been appointed to act on behalf of the applicant(s) before the competent international Authorities as: Name (LAST, First) HAWEGAWA, Yoshiki N-1-2 Address Sozi PATENT AND LAW FIRM, Ginza First Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo 1040061 Japan N-1-3 Telephone No.	III-2-6	State of nationality	JP
address for correspondence The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent international Authorities as: IV-1-1 Name (LAST, First) HAWEGAWA, Yoshiki SOEI PATENT AND LAW FIRM, Ginza First Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo 1040061 Japan IV-1-3 Telephone No. 1V-1-4 Facsimile No. 1V-1-6 Agent's registration No. 1V-1-7 Additional agent(s) 1V-2-1 Name (LAST, First) TERSAKI, Shiro IV-2-3 Address Telephone No. 1V-2-4 Facsimile No. 1V-2-5 Somile No. 1V-2-6 Somile No. 1V-2-7 Facsimile No. 1V-2-8 Agent's registration No. 1V-2-9 Facsimile No. 1V-2-1 Agent's registration No. 1V-2-1 The filling of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filling date, for the grant of every kind of protection available and, where applicable, for the grant of avery kind of protection available and, where applicable of the grant of avery kind of protection available and, where applicable, for the grant of avery kind of protection available and, where applicable of the grant of both regional and national patents. VI-1 Priority claim of earlier national application Filling date 18 December 2003 (18.12.2003) 18 December 2003 (18.12.2003)		State of residence	JP
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International Authorities as: Name (LAST, First)		has been appointed to act on behalf of	agent
IV-1-1 Name (LAST, First) Address Address SOEI PATENT AND LAW FIRM, Ginza First Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo 1040061 Japan IV-1-3 Telephone No. 03-3564-8001 IV-1-6 Agent's registration No. 100088155 IV-2 Additional agent(s) IV-2-1 Name (LAST, First) IV-2-2 Telephone No. 4040081 IV-2-3 Telephone No. 4050081 IV-2-4 Facsimile No. 4050081 IV-2-5 Agent's registration No. 100092657 V DESIGNATIONS V-1 The filing of this request constitutes under Rule 4-9(a), the designation of all Contracting States bound by the PCT on the International filing date, for the grant of every kind of protection available and, where applicable, for the grant of the protection available and, where applicable, for the grant of the protection available and where applicable, for the grant of the protection available and where applicable, for the grant of the themselves and the protection available and where applicable, for the grant of both regional and national patents. VI-1 Priority claim of earlier national application VI-1-1 Filing date VI-1-2 Number Address SOEI PATENT AND LAW FIRM, Ginza First Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo 1040061 Japan 10-40061 Japan 10-40061 Japan 10-40061 Japan 10-10-8, Ginza 1-chome, Chuo-ku, Tokyo 1040061 Japan 10-10-8, Ginza 1-chome, Chuo-ku, Tokyo 1040061 Japan 10-10-10-10-10-10-10-10-10-10-10-10-10-1			
IV-1-2 Address SOEI PATENT AND LAW FIRM, Ginza First Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo 1040061 Japan IV-1-3 Telephone No. 03-3564-8001 IV-1-4 Facsimile No. 03-3564-8004 IV-1-6 Agent's registration No. 100088155 IV-2 Additional agent(s) agent IV-2-1 Name (LAST, First) TERSAKI, Shiro IV-2-2 Address IV-2-3 Telephone No. Facsimile No. IV-2-5 e-mail IV-2-6 Agent's registration No. 100092657 V DESIGNATIONS V-1 The filling of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filling date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents. VI-1 Filling date IS December 2003 (18.12.2003) VI-1-1 Filling date IS December 2003 (2003-420398)	IV-1-1		HAWEGAWA, Yoshiki
Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo 1040061 Japan IV-1-3 Telephone No. 03-3564-8001 IV-1-4 Facsimile No. 03-3564-8004 IV-1-6 Agent's registration No. 100088155 IV-2 Additional agent(s) agent IV-2-1 Name (LAST, First) TERSAKI, Shiro IV-2-2 Address IV-2-3 Telephone No. IV-2-4 Facsimile No. IV-2-5 e-mail IV-2-6 Agent's registration No. 100092657 V DESIGNATIONS V-1 The filling of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filling date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national application VI-1-1 Filling date 18 December 2003 (18.12.2003) VI-1-2 Number 2003-420398	IV-1-2	Address	<u> </u>
Tokyo			
IV-1-3 Telephone No. O3 - 3564 - 8001 IV-1-4 Facsimile No. O3 - 3564 - 8004 IV-1-6 Agent's registration No. 100088155 IV-2 Additional agent(s) agent IV-2-1 Name (LAST, First) TERSAKI, Shiro IV-2-2 Address IV-2-3 Telephone No. IV-2-4 Facsimile No. IV-2-5 e-mail IV-2-6 Agent's registration No. 100092657 IV-2-6 Agent's registration No. 100092657 IV-1 The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents. IV-1-1 Priority claim of earlier national application IV-1-1 Filing date 18 December 2003 (18.12.2003) IV-1-2 Number 2003 - 420398			
IV-1-3 Telephone No. 03-3564-8001 1V-1-4 Facsimile No. 03-3564-8004 1000881555 100088155 1000881555 1000881555 1000881555 1000881555 1000881555 1000881555 1			1040061
IV-1-4 Facsimile No. 03 - 3564 - 8004 IV-1-6 Agent's registration No. 100088155 IV-2 Additional agent(s) agent IV-2-1 Name (LAST, First) TERSAKI , Shiro IV-2-2 Address IV-2-3 Telephone No. e-mail IV-2-6 Agent's registration No. 100092657 V DESIGNATIONS V-1 The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents. VI-1 Priority claim of earlier national application VI-1-1 Filing date 18 December 2003 (18.12.2003) VI-1-2 Number 2003 - 420398			Japan
IV-1-6 Agent's registration No. IV-2 Additional agent(s) IV-2-1 Name (LAST, First) IV-2-2 Address IV-2-3 Telephone No. IV-2-4 Facsimile No. IV-2-6 Agent's registration No. IV-2-6 Agent's registration No. IN-2-7 The filling of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the International filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents. IV-1 Priority claim of earlier national application IV-1-1 Filling date IN-2-6 Number IN-2-7 Search 100088155 IN-2-8 Additional agent IN-2-8 Additional agent IN-2-9 Address IN-2-9	IV-1-3	Telephone No.	03-3564-8001
IV-2 Additional agent(s) IV-2-1 Name (LAST, First) IV-2-2 Address IV-2-3 Telephone No. IV-2-4 Facsimile No. e-mail IV-2-6 Agent's registration No. V DESIGNATIONS V-1 The filling of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents. VI-1 Priority claim of earlier national application VI-1-1 Filling date I 8 December 2003 (18.12.2003) VI-1-2 Number Country I Additional agent(s) Agent TERSAKI, Shiro I 100092657 I 10009	IV-1-4	Facsimile No.	03-3564-8004
IV-2-1 Name (LAST, First) IV-2-2 Address IV-2-3 Telephone No. IV-2-4 Facsimile No. IV-2-5 e-mail IV-2-6 Agent's registration No. IV-2-6 Agent's registration No. IV-2-7 The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the International filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents. IVI-1 Priority claim of earlier national application III December 2003 (18.12.2003) III December 2003 (18.12.2003) III December 2003 (2003-420398)	IV-1-6		100088155
IV-2-2 Address IV-2-3 Telephone No. IV-2-4 Facsimile No. IV-2-5 e-mail IV-2-6 Agent's registration No. V DESIGNATIONS V-1 The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents. VI-1 Priority claim of earlier national application VI-1-1 Filing date 18 December 2003 (18.12.2003) VI-1-2 Number	IV-2	Additional agent(s)	agent
IV-2-3 Telephone No. IV-2-4 Facsimile No. IV-2-5 e-mail IV-2-6 Agent's registration No. V DESIGNATIONS V-1 The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents. VI-1 Priority claim of earlier national application VI-1-1 Filing date 18 December 2003 (18.12.2003) VI-1-2 Number	IV-2-1	Name (LAST, First)	TERSAKI, Shiro
IV-2-4 IV-2-5 IV-2-6 Agent's registration No. IDESIGNATIONS V-1 The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents. VI-1 Priority claim of earlier national application VI-1-1 Filing date 18 December 2003 (18.12.2003) VI-1-2 Number			
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IV-2-6 Agent's registration No. V DESIGNATIONS V-1 The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents. VI-1 Priority claim of earlier national application VI-1-1 Filing date 18 December 2003 (18.12.2003) VI-1-2 Number 2003-420398			
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application			
VI-1-2 Number 2003 (18.12.2003)	VI-1		
VI-1-2 Number 2003 - 4203 98	VI-1-1	Filing date	18 December 2003 (18.12.2003)
VI-1-3 Country	VI-1-2	Number	
	VI-1-3	Country	JP

Paper Copy (NOT for submission)

VI-2	Priority document request		
	The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1	
VII-1	International Searching Authority Chosen	Japan Patent Office	(ISA/JP)
VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	4	√
IX-2	Description	8	-
IX-3	Claims	1	-
IX-4	Abstract	1	/
IX-5	Drawings	2	_
IX-7	TOTAL	16	L
	Accompanying Items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	√	-
IX-17	PCT-SAFE physical media	-	
IX-19	Figure of the drawings which should accompany the abstract	1	
IX-20	Language of filing of the international application	Japanese	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name (LAST, First)	HAWEGAWA, Yoshiki	
X-1-2	Name of signatory	, , , , , , , , , , , , , , , , , , , ,	
X-1-3	Capacity		

Paper Copy (NOT for submission)

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10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/JP
10-6	Transmittal of search copy delayed until search fee is paid	

11-1	Date of receipt of the record copy by	
	the International Bureau	
	· ·	<u> </u>